

Release Strategy of CCF's

- **all calibration knowledge encapsulated into CCF's**
- **releases of CCF constituents are independent of releases of the SAS**
- **all versions of SAS are backwards compatible w.r.t. CCF's: all older CCF's can be used**
- **new calibration algorithms were required since launch: change of SAS, different structure of CCF's**
- **older versions of SAS incompatible with some more recent CCF's**
- **future goal: completely control calibration via CCF's**
- **CCF's which require new functionality are only issued together with the SAS containing these functions**



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Releases of New CCF's

- generally it is recommended that the user keeps local installation in step with SAS releases
 - in the following it is assumed that the user has an older SAS than the latest issued version
 - the CCF release note indicates minimum version of SAS required
 - two cases:
 - New CCF compatible with local SAS
 - just download new CCF
 - New CCF incompatible with local SAS
 - use `analysisdate`= release date of the local SAS
 - CCF's which cannot be handled by the SAS will cause an error
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Use of CCF with different SAS Versions

- In order to use the latest calibrations, the following settings should be chosen

Version of SAS	Value of <code>SAS_CCFPATH</code>
<code>public</code>	<code>/data/ccf/public</code>
<code>pps</code>	<code>/data/ccf/public:\</code> <code>/data/ccf/releasetrack</code>
<code>develop</code>	<code>/data/ccf/public:\</code> <code>/data/ccf/releasetrack:\</code> <code>/data/ccf/devel</code>



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Additional Information

- **Information about new CCF's by subscription to**
<mailto:ccf-request@xmm.vilspa.esa.es?subject=subscribe>
- **location of CCF constituents**
<http://xmm.vilspa.esa.es/ccf/>
- **information about CCF**
<http://xmm.vilspa.esa.es/ccf/releasenotes/>
- **general information about calibrations**
<http://xmm.vilspa.esa.es/calibration/>



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